



METROPOLITAN
TRANSPORTATION
COMMISSION

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Memorandum

TO: Operations Committee

DATE: June 6, 2008

FR: Deputy Executive Director, Operations

W.I.: 1236

RE: Funding Agreements - Ramp Metering in Santa Clara County and Alameda County:

- i. Santa Clara Valley Transportation Authority (VTA)
- ii. Alameda County CMA (ACCMA)

Staff recommends that the Committee authorize funding agreements with the Santa Clara Valley Transportation Authority (VTA) for \$1,000,000 and the Alameda County Congestion Management Agency (ACCMA) for \$1,438,000 to implement ramp metering as described below.

Background

The Transportation 2030 Plan includes approximately \$2 million per year for high priority system management investments. During the past five years, those funds have been used to upgrade the Caltrans freeway camera surveillance system, and to implement ramp metering on SM-101 and three corridors in Santa Clara County.

Expansion of existing ramp meter corridors represents one of the fastest and lowest cost options to address traffic congestion. Approval of the following funding agreements with VTA and ACCMA will fully expend the available funds through FY 2008-09. Future funding for this purpose will be subject to Commission investment decisions for T-2035.

Santa Clara County

Caltrans plans to implement ramp metering on southbound SCI-880 later this year. Both Caltrans and VTA have identified northbound SCI-880 as a high priority project, which would require installation of metering equipment on both northbound on-ramps at Montague Expressway. Extending the metering on SCI-101 to include Tennant Avenue in Morgan Hill is a top priority for VTA. The proposed project would provide funds for construction at one location on this section of Highway 101.

Alameda County

Ramp metering equipment has been installed on eastbound I-580 through Pleasanton and Livermore resulting in significant reductions in travel delay during the evening peak period. The success of ramp metering on eastbound Ala-580 has created substantial support for implementation of ramp meters on westbound Ala-580 from the San Joaquin

County Line to Foothill Blvd. The westbound project will include ramp meters at ten interchanges. Seven of these have equipment in place. The proposed funding agreement will cover installation of temporary ramp meter equipment at the remaining three on-ramps (Grant Line Road, N. Flynn Road, and Portola Avenue) so that the metering could be turned on this fall. The agreement would also provide for the design and construction of permanent ramp meters at Grant Line Road and North Flynn Road.

Recommendation

Staff recommends that this Committee authorize the Executive Director or his designee to negotiate and enter into a funding agreement with:

1. Santa Clara Valley Transportation Authority in an amount not to exceed \$1,000,000 to implement ramp metering on SCI-880 and SCI-101, and
2. Alameda County Congestion Management Agency in an amount not to exceed \$1,438,000 to implement ramp metering on westbound I-580.

Both agreements will be subject to Commission approval of an amendment to the FY 2007-08 Agency budget in June 2008.

Ann Flemer

AF/JG

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REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Funding Agreements

Work Item No.: 1236

Agencies: 1. Santa Clara Valley Transportation Authority, San Jose, CA.
2. Alameda County Congestion Management Agency, Oakland, CA

Work Project Title: Funding Agreement to Design and Construct Ramp Meters

Purpose of Project: Design and install ramp meters

Brief Scope of 1. Design ramp meter installations at four on-ramps in Santa Clara County and construct permanent ramp meter at one location in Santa Clara County.
2. Design ramp meter installations at 2 on-ramps on Ala-580, construct permanent ramp meter at two locations on Ala-580, and install temporary ramp meters at three locations on Ala-580.

Project Cost: 1. Santa Clara Valley Transportation Authority - \$1,000,000
2. Alameda County Congestion Management Agency - \$1,438,000

Funding Source: CMAQ/SAFE

Fiscal Impact: Will be amended into the FY 2007-08 Budget at the Commission's June 2008 meeting.

Motion by That the Executive Director or his designee is authorized to negotiate and enter into funding agreements with Santa Clara Valley Transportation Authority and Alameda County Congestion Management Agency to design and construct ramp meters, and the Chief Financial Officer is authorized to set aside funds for such funding agreement in the amount of \$1,000,000 and \$1,438,000, respectively, subject to the Agency budget approval process.

MTC Operations
Committee:

Approved: _____
Sue Lempert, Chairperson

Approved: Date: June 13, 2008